

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 03/22316

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09G1/16

25 JAN 2005

0/522260

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09G C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | US 5 356 968 A (RUPANER ROBERT ET AL) 18 October 1994 (1994-10-18) abstract | 1 |
| A | EP 0 879 852 A (ROHM & HAAS) 25 November 1998 (1998-11-25) claims 1-5 | 1 |
| A | US 4 347 333 A (LOHR ROBERT H ET AL) 31 August 1982 (1982-08-31) | |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

6 November 2003

Date of mailing of the international search report

14/11/2003

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Information on patent family members

International Application No

PCT/US 03/22316

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|--|--|
| US 5356968 | A | 18-10-1994 | DE 4202301 A1 AT 152140 T DE 59306225 D1 DK 557694 T3 EP 0557694 A1 JP 5279619 A | 21-10-1993 15-05-1997 28-05-1997 20-05-1997 01-09-1993 26-10-1993 |
| EP 0879852 | A | 25-11-1998 | AU 743666 B2 AU 6488998 A BR 9801658 A CA 2237839 A1 CN 1201806 A EP 0879852 A1 JP 10330574 A US 6040409 A ZA 9803899 A | 31-01-2002 26-11-1998 05-10-1999 21-11-1998 16-12-1998 25-11-1998 15-12-1998 21-03-2000 13-11-1998 |
| US 4347333 | A | 31-08-1982 | AT 9098 T AU 546313 B2 AU 7163481 A BR 8103792 A CA 1165486 A1 DE 3165674 D1 EP 0042281 A1 ES 8300836 A1 JP 57028174 A MX 158508 A NZ 197398 A PH 16719 A | 15-09-1984 29-08-1985 24-12-1981 09-03-1982 10-04-1984 27-09-1984 23-12-1981 01-02-1983 15-02-1982 09-02-1989 02-09-1983 25-01-1984 |